

FOLIO

Stroke Therapy a Priority with Neuroscientist

Each year, strokes kill or disable an estimated 40,000 Canadians. Frightening statistics, particularly since there is no known cure for a stroke; no miracle drug that can reverse the debilitating and often degrading results of a stroke.

Don Boisvert is a Research Professor in this University's Department of Surgery. A neuroscientist trained in neurosurgery and with experience in both clinical and experimental

research, Dr. Boisvert is one of the first Heritage Scholars chosen by the Alberta Heritage Foundation for Medical Research. His interests and concerns span a wide special range, but much of his time is currently being spent on research into strokes and stroke therapy.

At present, there are no drugs that can be used to treat stroke victims effectively. Preliminary studies indicate that there are a

number of drugs that show great promise; but these must undergo extensive experimental testing before attempting to use them with humans. "This testing must be conducted in live models which, ideally, are identical to humans," says Dr. Boisvert. "For obvious ethical reasons we can't use stroke patients for our experiments."

And so, Dr. Boisvert and his team use monkeys (chosen for

their neurological resemblance to humans) in their work. Their goal? To find out more about what happens to brain tissue when deprived of blood; and, further, to use that knowledge to develop effective methods of minimizing the loss of brain tissue after a stroke.

A stroke usually occurs as a result of interference with the blood supply to the brain. The most common mechanism involves an occlusion (blockage) in one or more of the major arteries transporting blood from the heart to the brain. The degree of brain damage which results depends on the severity and the duration of the decrease in blood flow. Only recently, says Dr. Boisvert, have experimental studies confirmed that while some of the affected area of the brain will be totally deprived of blood and quickly undergo irreversible damage, adjacent tissue may continue to receive a small amount of blood flow. And while this residual flow is insufficient to support the normal functioning of brain cells, it may allow them to survive in a coma-like state.

Dr. Boisvert's present research project is a study of the factors which contribute to the maintenance of a critical threshold of blood flow to the affected area of the brain after a stroke. His hope is that the project will enable him to develop a treatment strategy aimed at improving blood flow to dormant brain cells, thereby enabling recovery of normal function to occur.

In a series of microsurgical procedures, Dr. Boisvert's animals are prepared for the drug therapy tests. For example, in one

Scholarships to Harvard University Provided by Sandy Mactaggart

Sandy A. Mactaggart, highly-respected Alberta businessman, has made yet another major contribution in the area of educational opportunities for Albertans. In a statement issued recently by Alberta Advanced Education and Manpower, the Minister, Jim Horsman, announced the acceptance of a proposal by Mr. Mactaggart which provides Albertans with the opportunity to attend Harvard University.

According to Mr. Horsman, Mr. Mactaggart, a graduate of Harvard, is providing an endowment "as a means of expressing his gratitude for an education which broadened his ability to enjoy and contribute to life in this province."

The earnings on the endowment will be matched by the Alberta Heritage Scholarship Fund and the resulting scholarships will be known as the Charles S. Noble Scholarships for Study at Harvard. The

scholarships, which will recognize academic and professional excellence, will be in two categories, one for undergraduate study, and the other for professional management development.

The Undergraduate Study Scholarships will provide opportunity for outstanding Alberta students to pursue undergraduate studies at Harvard, with up to two scholarships of \$10,000 to be awarded annually.

The Professional Management Development Scholarships will provide Albertans at middle and upper management levels, or those currently teaching in a university business school, with opportunities to participate in professional development programs at Harvard. They will be awarded on a competitive basis, with up to \$10,000 being awarded annually.

In making the announcement, Mr. Horsman expressed his

pleasure at Mr. Mactaggart's proposal. "It will aid outstanding Albertans who plan to study at one of the most prestigious institutions in North America," he said. "And I'm sure that when these Albertans return to the province after completing their studies, they will make a valuable contribution to the prosperity of the province."

The Charles S. Noble Scholarships, named after one of Alberta's early agricultural entrepreneurs, offer opportunities for Albertans to propose creative uses for Heritage Scholarship Fund monies (see *Folio*, 10 June 1982). Mr. Mactaggart's proposal for study at Harvard satisfies two stated objectives of the Alberta Heritage Scholarship Fund: to enable outstanding Alberta students to study anywhere in the world, and, to encourage and reward Albertans whose accomplishments have been outstanding in their fields of endeavor. □

of his investigations, selected vessels at the base of the brain are clipped. This prevents collateral circulation, in other words, it prevents the communicating channels from allowing blood to pass from one side of the brain to the other. Next, the carotid artery is exposed and a small, adjustable clamp is attached. By merely tightening the clamp, Dr. Boisvert can simulate the narrowing of the artery by, say, atherosclerosis. The artery is narrowed until, through a variety of measurement techniques, it is determined that significant reduction in the blood supply to that side of the brain has occurred.

At this point, the drug therapy begins. Dr. Boisvert hopes that careful monitoring will indicate how the various drugs affect the level of circulation in the brain and at what level of impairment they may successfully do so.

One of the measurement techniques used by Dr. Boisvert at this point in his research is a unique method called the Television Image-Splitting Technique. A small "window" is surgically implanted in the top of the brain of the test animal. The window allows a television

camera to see inside and observe the small vessels and arteries on the surface of the brain. These small channels are measured in their normal state, then calibrated again after the reduction of blood circulation. A third set of measurements records the change in the size of the vessels and arteries after each drug treatment.

The development of an effective drug treatment which reliably prevents even a fraction of the brain damage would mean a major breakthrough in stroke therapy, according to Dr.

Boisvert. "Because there are no such drugs presently available to treat stroke victims, a kind of therapeutic nihilism exists," he says. "A feeling born out of frustration because there is so little that can be done."

Recent studies, however, have led to the theory that the majority of brain damage resulting from a stroke does not necessarily occur in the first few minutes.

The importance of pinpointing effective drugs thus becomes even greater. "If we can learn more

about the fine line between impairment and destruction of brain cells and if we can learn more about cell reaction to test drugs, we'll have taken a big step forward," Dr. Boisvert predicts.

"A stroke is a terrible thing; debilitating and chronic," he sums up. "Our hope is that our research will improve the potential for recovery for stroke victims." □

*This article was selected from the pages of *Research Reporter* (Summer 1982).

Automation in the Library Continues

The DOBIS (Dortmunder Bibliothekssystem) project is nearing the end of its pilot phase, and some of the work identified as needing to be done has begun. Although formal approval to proceed has not yet been received, some preliminaries are not out of order. Presented here are some details of these preliminaries. The material in this report is based on the minutes of the Library Systems Committee meeting of 23 June 1982.

Work is proceeding on three fronts. These are the definition of the data base, the adjustment and installation of DOBIS software, and the creation of a loading facility for existing machine readable records.

A committee to examine critically the DOBIS data base was established in November 1981. It included representatives from various areas of the Library and its job was to identify what the data base needs to have in order for the Library to effectively carry on its business. As a starting point, it compared what DOBIS offers to what we already have at UTLAS (University of Toronto Library Automation System), where we currently do our cataloguing.

The committee's report stated that DOBIS is structurally compatible with international bibliographic standards, and that it supports most data elements we now use at UTLAS. Those elements not supported in the manner of the standards were

judged on their importance to the Library, and a shopping list of those things critically necessary was established. What will become of this shopping list leads to the topic of system adjustment, and tailoring.

The Library is working with Release 1.1 of DOBIS, and is in the process of installing Release 1.2. The difference between 1.1 and 1.2 from a user point of view is not particularly significant; 1.2 mostly corrects errors detected in the earlier version. Release 1.3, expected near the end of 1982, adds significant functions such as Boolean search, serials check-in, and others. It is taking a long time to install 1.2 because the environment at the computer centre has to be changed, and because we are tailoring DOBIS to meet University of Alberta requirements. The latter was not done for 1.1.

As reported previously, DOBIS comes in the form of a kit. Tailoring means adjusting the system to meet our specific requirements. When Release 1.2 is working, the data base will look more like a sample University of Alberta one rather than a sample IBM one. In the process of tailoring, we are finding that most items in the data base committee shopping list are going in with ease.

Tailoring also includes contact with the University of Calgary. Our two institutions continue meeting in Red Deer to insure that our data bases remain

absolutely compatible. Thus far, we have been succeeding nicely. Red Deer was chosen because of its easy driving range from Calgary and Edmonton, and our thanks go to the Red Deer Community College for providing meeting facilities.

Unfortunately, not all is terrific when adjusting software; one unpleasant consequence is that we expect to lose our sample data base several times in the process. This means everything anyone typed in disappears completely and permanently. Some view this as an opportunity to start afresh.

Our major problem currently is the design and construction of a software facility to loan existing machine readable records. Since 1974, the Library has built up a file of some 500,000 catalogue records by using a local automated cataloguing system, later supplanted by UTLAS. All these records now reside at UTLAS.

Records built on UTLAS and on the older cataloguing system were done so under the constraints of those systems. While DOBIS in many respects is more powerful than UTLAS, an older record going into DOBIS cannot be made more than it is without manual intervention. The programmers designing the data base load are finding that some records exist in which there is insufficient information for building full DOBIS records. Although this does not happen in the majority of cases, the Library

FOLIO

*Volume Nineteen
Number Six*

*The Office of Community Relations
423 Athabasca Hall
The University of Alberta
Edmonton, Alberta T6G 2E8
(403) 432-2325*

*All inquiries and correspondence should be
directed to:
Ron Thomas
Acting Editor*

*The Office of Community Relations
produces Folio on a weekly basis for the
staff and other interested persons. Folio
contents may be reprinted with
acknowledgment.*

ISSN 0015-5764

Copyright 1982

clearly must decide what needs to be done about it.

As we get closer to deciding whether to move the Library to DOBIS, the nature of our problems changes; they become

more pragmatic. One the one hand, they are very specific, but on the other hand, they are not at all easy. Despite the difficulties, however, the project still looks good. □

Popular Literature of Nigeria Newest Acquisition of Special Collections Library

The University of Alberta, geographically so distant from the continent of Africa, is gaining international recognition for its contributions to African literature. Evidence of such recognition is the fact that the secretariat, treasury, and editorial offices of the worldwide African Literature Association are currently housed in the Department of Comparative Literature. In addition, the continued acquisition of books on Africa is increasing the status of the University Library as a respectable resource centre for African studies.

One such acquisition is the recent donation by Andre Nitecki, Professor of Library Science, of a collection of pamphlets representing the "popular" literature of Nigeria.

The Federal Republic of Nigeria is one of the richest and most populous of African states. And, like many areas in Africa, the majority of Nigerians who are literate are just barely so. According to A.M. Porter, PhD student in African literature, the gift of Nigerian market literature is "more than timely, for the literature written by and for such a public (the newly literate Nigerians) should not be ignored in any place that is involved in the study and teaching of African literature. And it goes without saying that the pamphlets will not only be useful for those studying African literature, but also for scholars interested in the sociology of Nigerian society."

A glance at the titles of the pamphlets bears this out. The

rather intriguing variety of subjects includes *Nigerian Native Stories*, *The Lady Who Robbed Her Mother to Defend Her Husband*, *A Colorful Wedding and a Happy Home*, *The Life History and Last Journey of President John Kennedy*, and *Miss Rosy in the Romance of True Love*.

The pamphlets, ninety-six in all, were collected by Dr. Nitecki during the 1960s when he lived and worked in Nigeria. "I began collecting them just because they were such fun," he explains. "But I soon realized what an important sociological reference they could be."

The bulk of the material comes from Onitsha, the principal commercial city of the Igbo, Nigerians occupying the southeastern region of the country. The pamphlets, written and published locally, are a reflection of the life of the Onitsha people. "They define, in the simplest possible manner, the everyday experiences, the ambitions and dreams, and the dramatic changes taking place in the country," explains Dr. Nitecki.

The most common subject is love. Current affairs — the lives, deeds and deaths of prominent people of the day — is the next most popular topic. "Almost without exception," says Dr. Nitecki, "the books have strong moral overtones emphasizing man's duties to himself, his fellow man, and his God." It is important to remember, continues Dr. Nitecki, that this material was written by the newly literate

Advanced Education Gets New Assistant Deputy Minister

Milton R. Fenske has been named Assistant Deputy Minister of the Administrative Services Division of Alberta Advanced Education and Manpower. His appointment, announced by Jim Horsman, became effective on 1 August.

Dr. Fenske brings to his new position considerable experience as both an educator and an administrator. He taught science and mathematics at Mirror Consolidated School for four years, and was superintendent of schools for the Three Hills School Division for five years.

From 1969 to 1973 Dr. Fenske was Director of Administrative Services for the Alberta Colleges Commission. Prior to that he

served as executive assistant to the Chairman of the Provincial Board of Post-Secondary Education, predecessor of the Alberta Colleges Commission.

Dr. Fenske had been Director of Campus Development with Alberta Advanced Education and Manpower since 1973. His responsibilities included the preparation of capital budgets, acquisition of capital funds, and the monitoring of capital expenditures and developments.

As Assistant Deputy Minister, Dr. Fenske will be responsible for a wide range of financial and administrative duties, including the administration of the 1980s Advanced Education Endowment Fund. □



The popular literature of Nigeria proved to be popular indeed during a brief ceremony held last week in the office of Bruce Peel, University Librarian. Giving the material the careful once over are (from left) Andre Nitecki, Professor of Library Science; Bruce Peel, University Librarian; A.M. Porter, graduate student in African literature; Lorne Leitch, Vice-President (Finance and Administration); and E.D. Blodgett, Chairman of the Department of Comparative Literature.

of the country. "You won't find an African Hemingway, but the material is very widely read, and very important to those who read it."

Dr. Nitecki leaves The University of Alberta this month to begin a two-year secondment to Bayero University in Nigeria. And he felt it made most sense to

leave his collection here in order that African scholars have access to it. His gift is dedicated to Bruce Peel, retiring University Librarian and long-time friend of Dr. Nitecki. "Mr. Peel has done so much for the growth and development of an African collection in the University," says Dr. Nitecki. "This gift is my way

of recognizing his exceptional contribution to The University of Alberta."

The gift, which coincides with the 75th Anniversary celebrations of the University, will be housed in the Special Collections Library. "There is a somewhat bizarre

flavor to the pamphlets," acknowledges John Charles, Special Collections Librarian. "But they are of genuine value to scholars in certain fields and, as such, are an important addition to our collection." □

Letters

On Behalf of Bicyclists

•Three years ago *Folio* published an article on the bicycle as an alternative means of transportation, which soon led to the formation of the currently active Edmonton Bicycle Commuters society. University of Alberta people took the lead in this movement which now includes members throughout the city, and exchanges information with similar organizations across Canada and in the USA.

It is therefore with regret that many University of Alberta bicycle commuters note in the 15 July 1982 issue of *Folio* the amendment to the traffic and parking regulations on campus which bans bicycles from all buildings, apparently without exception. While there are certainly places in buildings where a bicycle is inappropriate, there are many more indoor locations where a bicycle poses no problems.

Enlightened employers internationally are making efforts to encourage the use of the bicycle. As a substitute for automobile use, bicycling can significantly improve air quality, traffic flow, energy conservation, and efficiency of vehicular parking facilities. As a form of transportation it is quiet, economical, healthful, and enjoyable, and provides convenient on-demand door-to-door service. When cycling is discouraged more pressure is put on motor vehicle transportation and parking facilities.

I fear that the new restrictive regulations will deter some riders from bringing bikes onto campus, as those who have had bikes or their accessories stolen in the past are reluctant to replace them

unless additional security is provided.

The Edmonton Bicycle Commuters executive are very willing to supply up-to-date information on bicycle lockers and functional bicycle parking facilities to the campus officials concerned. Meanwhile, I hope that serious consideration will be given to providing bicycle passes to University personnel who can guarantee that their bikes will behave themselves in University buildings.

Roger Vick, Devonian Botanic Garden and Secretary, EBC

•Specifically, I would like to comment on the newly announced regulations for bicycle use. In this day and age one would expect some encouragement for cyclists rather than regulations that are, for all intents and purposes, going to discourage serious use.

A commuter who spends good money on alternative means of transportation should have the support of those setting regulations. Needless to say, some regulations are necessary; however, to specifically rule against parking or storing a bicycle inside a University building is counter-productive. At the present cost of quality bicycles no one willingly leaves them unattended or places them in the poorly designed and damaging racks supplied by this institution.

Vehicle parking problems are reduced when substantial numbers of cyclists are encouraged. Lockable storage compartments for bicycles are commercially available and would go a long way toward solving both problems.

*D.J. Engel,
Faculty of Education*

Laurence G. Wiedrick, 1925-1982

Laurence George Wiedrick, a Professor of Elementary Education at The University of Alberta for nearly twenty years, died on 23 July. He was fifty-seven.

Dr. Wiedrick was born and raised in Saskatoon, Saskatchewan. He held a teaching certificate from the Saskatchewan College of Education and a BA from the University of Saskatchewan. In 1951 he graduated from the University of Toronto School of Library Science and, in 1954, moved to Edmonton where he became librarian at Eastglen Composite High School. He completed a BEd at The University of Alberta in 1956 and accepted an appointment as the first Library Specialist for the Edmonton Public School Board in 1960.

The establishment of a great many new school libraries in Edmonton and throughout the province during the '60s created an enormous staffing crisis and Dr. Wiedrick is credited as being the prime-mover behind the planning and development of a program for school library education at this University. He joined the University staff in 1964 as an Assistant Professor of Elementary Education and was promoted to Professor in 1974. During that period he completed an MLS at Western Michigan (1969) and a doctorate in education at the University of Oregon (1973).

Dr. Wiedrick authored numerous articles which, according to a colleague, emphasized program rather than administration, service rather than techniques, and professional preparation rather than clerical routine.

John Wright, Professor of both Education and Library Science, says that Dr. Wiedrick deserved special recognition for the development of the Curriculum Laboratory in the Faculty of Education. "Its well deserved reputation as one of the largest and most significant collections of its kind in western Canada is due largely to the untiring labors

of Laurie Wiedrick."

Dr. Wiedrick, the 1978 recipient of the Greater Edmonton Region of the Alberta Learning Resources Council Certificate of Merit, was on study leave during the 1981-82 academic year. During his leave he travelled to Australia where he examined the effects of federal government support of school library programs administered by state (provincial) governments. He also conducted an evaluation study of selected school library programs for the Edmonton Public School Board.

According to Pat McFetridge, Chairman of Elementary Education, Dr. Wiedrick will be sorely missed by his friends and colleagues. "Laurie Wiedrick is deservedly recognized for his significant leadership in the field of School Libraries. We in the Department also valued his willingness to share his wisdom and experience on all department matters, and his energy in working towards the goals he believed in."

Dr. Wiedrick is survived by his wife, Marie, and two children. □

Polish Culture Books to be Presented

For a quarter of a century, Colonel Tadeusz Walkowski has coordinated the collecting of books on Polish culture for presentation to The University of Alberta. The eight presentations have been under the auspices of the Canadian Polish Congress, Alberta Branch. On Monday, 9 August, Colonel Walkowski is making a presentation of his personal library. The Colonel, at eighty-four years of age, is retiring as Cultural Coordinator. The presentation will also mark the approaching retirement of the Librarian to the University, Bruce Peel.

The presentation will be at 7:30 p.m. in the Staff Lounge, ground floor, Cameron Library, and will be followed by a reception. Everyone is welcome. □

Show your Colors!

In July 1983, the University and city will "welcome the world" for the XII World University Games, and what better way to welcome the thousands of expected visitors than with your own personally designed and handcrafted banner adorning city streets.

Universiade '83 organizers are inviting children and families throughout the province to create works of art. Here's an opportunity for the people of Alberta to get involved and help create an atmosphere of celebration, something unique and special that will draw the entire community into the spirit of the world class event.

The intention is to festoon city streets with thousands of brightly colored banners, not manufactured but individually handcrafted. It can be a fun project for children, or one in which friends and families can make a team effort. Here's an opportunity to celebrate

Universiade '83 in your own special way.

The special programs committee of Universiade '83 will try and provide individuals with the necessary materials. All banners are to be 76 cm wide and 182 cm long. With respect to the color scheme, you are asked to look carefully at the colors of the fabric supplied in your kit, then think only of designs suitable for those colors. Color contrast is extremely important and banner artists are asked to try and keep the colors bold and very distinct.

When choosing your specific design, it is recommended that only large, bold patterns or lettering be used; some suggested design themes include one of the 10 Universiade sports, your school or region, or an abstract design.

Admittedly, there is more to creating a banner than merely getting the materials and selecting a design and the Universiade '83

special programs organizers have published a detailed, step-by-step guide which describes how one goes about producing such a work of art.

For more information on how you can create your own banner contact: Universiade '83, Special Programs, 10125 97 Avenue, P.O. Box 1983, Edmonton, Alberta T5J 5J5 (403) 422-1983.

If you live in Edmonton or the surrounding district, you can pick up fabric from the World University Games office.

Banners must be in Games organizers hands by 30 April, 1983 and will not be returned, although they will be kept for future city events.

So, let's "welcome the world" with all the zest and enthusiasm we can muster: after all, the eyes of the world will be upon us as we host the second largest sports spectacular in the world. □

Coordinator of Safety Instruction, *W. Kinsey*; and Fire Marshal, *S.L. Smith*.

Matters of occupational health and safety are also the concern of the Occupational Health, Safety, Fire and Emergency Measures Committee which is a standing committee of the President under the reporting direction of the Vice-President (Facilities and Services). The Committee's mandate covers the broad spectrum of University activities from the use of radio isotopes to measures to be taken in case fire or other emergencies. The director of Occupational Health and Safety is a member of this committee together with other senior administrators and with elected faculty, students and non-academic staff.

service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

Coming Events Exhibitions

Ring House Gallery

Until 3 October "O! Osiris, Live Forever!" An exhibition on the scientific investigation of mummification. The exhibit is jointly organized by University Collections and Manchester University Museum, England.

Special Collections

Until 1 October: "Pulps, Paperbacks and Popular Fiction." A visual history of the mass marketing of literature from Dickens to Lawrence using pictorial covers, dust jackets, and other material from Special Collections.

University Campus Tours

Until 3 September. Meet every Monday and Friday at 1:30 p.m. on the front lawn of Old St. Stephen's College, 8820-112 Street, opposite HUB Mall. For further information, phone 427-2020.

Non-Credit Courses Devonian Botanic Garden Photography for Young People

Date: 7 to 28 August. Fee: \$25. If you have children aged 10 to 14, give them the chance to learn 35 mm photography and to develop their photographic eye "shooting" natural forms.

page five, Folio, 4 August 1982

Board of Governors Welcomes Joe Kandler to its Ranks

Joe Kandler, long-time member of The University of Alberta Senate, has been named to a three-year term on the University's Board of Governors. His appointment, announced recently by Jim Horsman, Minister of Alberta Advanced Education and Manpower, is effective immediately.

Born in Vienna, Austria, Mr. Kandler received his doctorate in commercial sciences from the School of Economics (Vienna) in 1949. He came to Canada in 1952 and, in 1965, became a member of the Alberta Institute of Chartered Accountants. Mr. Kandler is currently Vice-President of Finance with Healy Ford, a position that he has held for the past eighteen years.

One of Mr. Kandler's major interests over the past fifteen years has been to represent business in the field of education.

He is a member of the Administrative Management Society, served on the long-range planning committee of the University's Faculty of Business and was, from 1973 to 1979, an active member of the University Senate. Some time later, he was instrumental in the Senate's striking of the Task Force on Second Languages.

Mr. Kandler is also known for his support of the arts. He is currently associated with the Edmonton Opera Foundation, the Tri-Bach Society, and the Johann Strauss Foundation of which he is a founding member.

In announcing Mr. Kandler's appointment to the board, Mr. Horsman said that his "well-rounded experience in business, education, and the arts will make him a valuable and welcome addition to The University of Alberta Board of Governors." □

people

N.M. Lal (Sociology) presented a paper on macro simulation in demography at the International Conference on Modelling and Simulation in Paris. The conference was organized by the Association for the Advancement of Modelling and Simulation Techniques and was supported by the Federation of National Associations of Engineers in Europe and the European Research Office of the U.S. Army.

Recently, it was announced in *Folio* that Robert White had been appointed as the University's new Director of Occupational Health and Safety. He will be supported by the following positions and individuals: Radiation Protection Officer, *S.E. Hunt*; Biosafety Officer, *L.L. Yung*; Safety Officer, *E.M. Doersken*;

Mushroom Identification

Date: Fall — T.B.A. **Fee:** \$50. Designed for those with more than a passing curiosity about native mushrooms, this class will take a thorough look at Alberta varieties.

Summer Wildflowers at the Garden

Date: 15 August. **Fee:** \$10. Take some time out to hike in the sunshine, learning to recognize some of the wildflowers blooming at this time of year.

Cattail Coil Basketry

Date: 21 August. **Fee:** \$12. Learn to make attractive and useful baskets out of common cattails which you will have gathered and dried yourself.

Faculty of Extension

English as a Second Language

Date: Until 25 August. **Fee:** \$65. For further information, contact Ruth Pearce or Cecile Ochman at 432-2497 or 432-3036.

Computing Services

Client Training Sessions

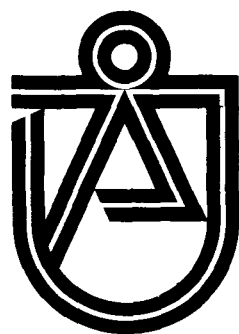
Computing Services is taking registrations between 8:30 a.m. and noon for the following non-credit courses. For further information, please telephone Information Services at 432-2463, or come to 352 General Services Building.

Introduction to SPIRES

Course number: 737. **Date:** 16 August. **Time:** 1 to 4 p.m. **Fee:** \$5. **Prerequisites:** "MTS and Editor Fundamentals" and a good working knowledge of file editing and terminal use. **Place:** 749A/351 GSB.

SPIRES

Course number: 739. **Date:** 17, 19, 23, 25, 27 August. **Time:** 1 to 4:30 p.m. **Fee:** \$20. **Prerequisites:** "Introduction to SPIRES." **Place:** 749A/357 GSB.



**Program
Information
432-2325**

Introduction to Plotting

Course number: 757. **Date:** 23 and 26 August. **Time:** 9 to 11 a.m. and 1 to 4 p.m. respectively. **Fee:** \$20. **Prerequisites:** FORTRAN, basic MTS and Editor commands. **Place:** 749A/351 GSB.

MTS Overview

Course number: 712. **Date:** 10, 12 August. **Time:** 10 a.m. to noon. **Fee:** \$10. **Prerequisites:** "MTS and Editor Fundamentals." **Place:** 749A/357 GSB or 749A/327 GSB.

Introduction to Text Formatting

Course number: 723. **Date:** 23, 25, 27, 30 August; 1, 3 September. **Time:** Noon to 2 p.m. **Fee:** \$15. **Prerequisites:** "MTS and Editor Fundamentals" and "MTS Overview" courses and a good working knowledge of the File Editor. **Place:** 749A/351 GSB.

Scholarships, Fellowships and Awards

Commonwealth Scholarships 1983 Ghana, Hong Kong, India, Jamaica, Malaysia, Nigeria, Sri Lanka, Trinidad and Tobago, Uganda, United Kingdom.

Field of study: Ghana, Hong Kong, Jamaica, Sri Lanka — Limited to facilities available. India, Nigeria, United Kingdom — Normally unrestricted.

Malaysia — Restricted to fields of study at the University of Malaysia. Trinidad and Tobago — Available only in Tropical Agriculture. Uganda — Restricted to fields of study at the University of Makerere.

Value: The value of the award, which includes travel expenses, is designed to cover the living and study costs of a scholar during tenure of the award. **Duration:** Normally two academic years. **Conditions:** Available to men and women who are Canadian citizens to pursue postgraduate study; candidates must have graduated from a recognized university or hold equivalent qualifications; age limit normally 35; candidates must return to Canada upon completion of the study for which the award was intended; candidates must have a good knowledge of written and spoken English. **Tenable:** October 1983 in Ghana, Hong Kong, Jamaica, Nigeria, Trinidad and Tobago, United Kingdom; July 1983 in India and Uganda; May 1983 in Malaysia and Sri Lanka. **Closing Date:** 31 October 1982. **Further information:** Information and application forms may be obtained from:

The Canadian Commonwealth Scholarship and Fellowship Committee
c/o The Association of Universities and Colleges of Canada
151 Slater Street
Ottawa, Ontario
K1P 5N1.

Commonwealth Scholarships Australia, 1984; New Zealand, 1984

Field of study: Normally unrestricted. **Value:** The value of the award, which includes travel expenses, is designed to cover the living and study costs of a scholar during

tenure of the award. **Duration:** Normally two academic years. **Conditions:** Available to men and women who are Canadian citizens to pursue postgraduate study; candidates must have graduated from a recognized university or hold equivalent qualifications; age limit normally 28; candidates must return to Canada upon completion of the study for which the award was intended; candidates must have a good knowledge of written and spoken English. **Tenable:** March 1984. **Closing date:** 31 December 1982. **Further information:** Information and application forms may be obtained from:
The Canadian Commonwealth Scholarship and Fellowship Committee
c/o The Association of Universities and Colleges of Canada
151 Slater Street
Ottawa, Ontario
K1P 5N1.

Notices

World University Games

The Universiade '83 Edmonton Corporation is very pleased with the responses they have been receiving from people offering to volunteer for the 1983 World University Games. Nevertheless, many more volunteers are needed as the Games are less than one year away.

For any staff member wishing to volunteer in any way, applications may be obtained by writing to the Corporation, P.O. Box 1983, Edmonton, Alberta, T5J 5J5; by picking one up at the office located at 10125 - 97 Avenue, Edmonton; or by phoning 422-1983.

Orientation Seminars

Students' Orientation Services are holding orientation seminars for prospective University of Alberta students. Seminars are available in two formats; Weekend and One Day. New students are strongly advised to enroll. For more information, call 432-5319.

Bruce Peel to Retire

Bruce Peel, Librarian to the University, will retire this fall after thirty-one years of service. Mr. Peel will be honored at an informal reception in the Upper Lounge of the Faculty Club on Tuesday, 17 August from 3 to 6 p.m.

Staff, friends, and acquaintances are invited to join him on this occasion and to wish him well on his retirement.

Anyone wishing to contribute toward a retirement gift may do so by sending a cheque made payable to the Bruce Peel Retirement Fund addressed to: Mrs. Shirley Meyer, 5-12 Cameron Library.

Positions Vacant

The University is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Cataloguer, University Library

The University of Alberta Library has an opening for a cataloguer with a Science

subject background. Professional library qualification required. Previous cataloguing experience with ACRIL and LC classification and knowledge of one or more foreign languages, specifically German and/or Russian, highly desirable.

Salary according to experience and qualifications. Excellent fringe benefits, removal grant. Applicants should send curriculum vitae, transcripts of academic record, and the names of three references to Bruce Peel, Chief Librarian, The University of Alberta, Edmonton, Alberta T6G 2J8.

Faculty Service Officer II, Faculty of Pharmacy and Pharmaceutical Sciences

The Faculty of Pharmacy and Pharmaceutical Sciences requires a Faculty Service Officer II for SLOWPOKE Nuclear Reactor. The individual will undertake development and application of reactor technology, particularly neutron activation analysis.

Applicants should be experienced in analytical techniques with an emphasis on modern instrumentation and computer operation. Duties include reactor operation and service analysis for on and off-campus parties. PhD or equivalent experience required. Appointment as early as 15 November 1982, with a current salary range beginning at \$27,000 per annum. Applicants should forward transcripts, curriculum vitae, and names of three referees to: Dr. L.I. Wiebe, Professor and Chairman, University of Alberta SLOWPOKE Committee, Faculty of Pharmacy and Pharmaceutical Sciences, The University of Alberta, Edmonton, Alberta T6G 2N8 prior to 31 October, 1982.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Please do not contact the department directly. As positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 30 July 1982.

Clerk Steno II (\$1,106-\$1,324) — Elementary
Education, Movement Education
Clerk Typist II
(\$1,106-\$1,324) — Athletic Services
Senior Clerk (\$1,148-\$1,373) —
Technical Services (Graphics Division)
Data Entry Operator I (\$1,185-\$1,426)
— Computing Services, Bookstore
Library Clerk III (\$1,232-\$1,487)
— Boreal Institute
Clerk Typist III (\$1,232-\$1,487)
— Micro Electronic Centre
Clerk Steno III (\$1,232-\$1,487)
— Extension, MSB Animal Unit,
Pathology R.S. McLaughlin Centre,
Educational Research Services
Dental Assistant II (Trust) (\$1,324-\$1,616)
Mobile Dental Clinic, Dentistry
Secretary (\$1,373-\$1,682)
— Mathematics
Medical Steno (\$1,373-\$1,682)
— Surgery
Administrative Clerk (\$1,373-\$1,682) —
Engineering Placement Office, Sociology
Library Assistant II (\$1,373-\$1,682) —
Rural Economy

Nurse (Part-time) (\$914-\$1,132) — University Health Service
 Computer Assistant (\$1,106 - \$1,324) — Computing Services
 Laboratory Assistant I/II (Trust) (\$1,106-\$1,487) — Medical Microbiology
 Building Services Worker II (\$1,232-\$1,487) — Physical Plant (Building Services)
 Food Service Worker III (\$1,324-\$1,616) — Housing and Food Services
 Building Services Worker III — Physical Plant (Building Services)
 Food Service Worker IV (\$1,426-\$1,754) — Housing and Food Services
 Electronics Technician I/II (Trust) (\$1,487-\$2,078) — Animal Science
 Maintenance Worker I (\$1,487-\$1,829) — Physical Plant (Maintenance Division)
 Engineering Technologist I (Systems Analyst) (\$1,487-\$1,829) — Physical Plant (Energy Management)
 Technician II (\$1,616-\$1,992) — Provincial Laboratory
 Biochemistry Technologist I/II (Trust) (\$1,616-\$2,265) — Biochemistry
 Laboratory Technologist I (\$1,754-\$2,171) — Provincial Laboratory
 Biology Technologist II (\$1,829-\$2,265) — Forest Science
 Engineering Technologist III (Telecommunications Analyst) (\$1,908-\$2,368) — Physical Plant (Telecommunications)
 Nurse Practitioner (\$2,368-\$2,951) — Pediatrics
 Programmer/Analyst III (Trust) (\$2,472-\$3,085) — Computing Science
 Instrument Mechanic (\$2,733) — Physical Plant
 Contracts Supervisor (\$2,581-\$3,229) — Physical Plant (Projects)

The following is a list of currently available positions in The University of Alberta Libraries. The bulletin board in Cameron Library, Room 512, should be consulted for further information as to availability and position requirements.

Secretary (\$1,373-\$1,682) — Law

Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There are no refunds. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an alteration is made. Advertisements cannot be accepted over the telephone.

Accommodations available

For sale — University area, modernly rebuilt. Five room. Art. 467-5078. Torium Realty.
 House for rent. Four bedroom, executive, immediate, appliances. References required. 462-8221.

For trade — Immaculate bi-level home in Spruce Grove plus?, for home in Windsor Park. 962-4013.
 Gracious, older two-storey, three bedroom home. 15 minutes to University. Hardwood floors. Original woodwork. For sale by owner, \$84,500. Phone George Melnyk, 432-5103.
 For sale — Belgravia, \$89,900, immediate possession, upgraded/remodelled. Resi Richter. LePage. 483-9432. 455-4181.
 For sale — Belgravia, three bedrooms, family room, developed basement. Resi Richter. LePage. 483-9432. 455-4181.
 For sale — Windsor, reduced split, upgraded, new kitchen, large lot. Resi Richter. LePage. 483-9432. 455-4181.
 For sale — University, large semi with suite, good financing. Resi Richter. LePage. 483-9432. 455-4181.
 For sale — New listing, Glenora, two bedroom bungalow, developed basement. Resi Richter. LePage. 483-9432. 455-4181.
 For sale — Best buy, Grosvenor, executive condo., two bedrooms, den. Resi Richter. LePage. 483-9432. 455-4181.
 For rent — Two bedroom bungalow in Parkallen. No pets. \$650. 835-5297.
 For rent — Two bedroom house with one bedroom furnished suite. 7 appliances. \$800. 437-2379.
 For sale by owner — Pleasantview three bedroom semi-bungalow on beautiful treed lot, newly carpeted, cedar panelled bathroom. New heated double garage. Phone 438-1708. No agents.
 For sale — 1,400 sq. ft. University area home, large kitchen, three bedrooms, basement developed, double garage, large lot. Asking \$127,000 with \$87,000 mortgage at 15½%. 436-7425.
 For rent — Blue Quill. Two bedroom condo. Owner transferred. Five appliances, carpeted, balcony, excellent condition. Sauna, recreation room with patio. Lease required. 434-9957.
 For rent — Three bedroom, furnished house. Quiet neighborhood. Near Stadium LRT. \$525/month. Responsible people only. Bob. 474-2210.
 For rent — 1 January — 28 Dec. 1983. Two bedroom bungalow in Pleasantview. 435-2027, 432-3530.
 For rent — Blue Quill, 119 St.-23 Ave. Two bedroom suite, \$500. Washer/dryer, fridge, stove, dishwasher, sauna, whirlpool. Call Sali, 436-2011.
 For sale — Windsor Park. Three bedroom bungalow. \$135,000. By owner. Rumpus room, bedroom, workshop, three piece bath (shower) in basement. \$80,000 at 14% for three years available. 488-7986.
 For sale — Grandview. Spacious, four bedroom, two storey with main floor family room and attached garage. Exceptional terms available. Call Earl, 436-4488, A.E. LePage (Prairies) Ltd.
 For sale — Glenora. Well kept, four bedroom, semi-bungalow with attractive wood burning fireplace. Listed \$109,900. Call Earl, 436-4488. A.E. LePage (Prairies) Ltd. Ruth 455-4181.
 For sale — River View. Two bedroom, high-rise condo. Directly across from campus. "The Saskatchewan" at 98 Ave.-112 St. A building of recognized stature. Includes three appliances. Days, 465-0416; evenings, 437-2571.

For sale — By owner. Three bedroom townhouse. Mortgage 10% \$48,200 until 1984. Fireplace. Stove, fridge, dishwasher. Quiet; back yard on green belt. Two parking plugs. University busline. Asking \$77,500. 436-2855.

Share — A female academic wishes to share spacious, furnished, three bedroom apartment with a female professional or student from Sept. 1982. Terms negotiable. Please call 436-8885 or 432-2348.

Basement — 10762 Whyte Avenue. 1,770 sq. ft., subdivided. \$3/sq. ft. 482-4072.

For sale — Close to University.

Three bedroom, brick bungalow. All appliances. Double garage. Very good financing. Call Chris Tenove, 433-5664 evenings. (Spencer's).

Accommodations wanted

Visiting Professor (UK) requires furnished three bedroom home (three small children) for one-year lease. 1 Oct. 1982 - 30 Sept. 1983. Please contact Dr. T.R. Overton, 432-6344, Applied Sciences in Medicine.

Automobiles and others

1980 top model black Rabbit GTI, immaculate, all options, 24,000 kilometers. Phone 438-1708.

Goods for sale

For sale — teak furniture — dining

room table, chairs; coffee table; end table; telephone bench. 488-4951.

For sale — Table and bench for built-in kitchen nook. \$100. 433-0459.

Services

Donnic Word Processing. Specializing in theses, etc. 8315A-105 St. 432-1419.
 Singing teacher, Eileen Turner 439-4661.

General Carpentry Work — Renovations. 434-9709 evenings.

Piano, theory lessons. Western Board. Robert Garipey 433-7238.

Antiques evaluated for insurance, family division, dispensal, moving, estate liquidation. For sale; sociology books, silverware, ivory and curios. Mary Goulden Antiques L.A.P.A.D.A. 10437-142 Street.

Babysitter needed weekdays starting 2 September for 5 to 8 hours for a one year old child. Lansdowne. 434-8178.

Sailing — Learn to cruise the Gulf Islands, Yacht Charters, exclusive C & C Yacht Dealers. Alberta Yachts, 426-4372.

Wanted: Ride to University from 113 Woodbridge Way, Sherwood Park and return, beginning 1 Aug. 1982. Time: summer 8 a.m.-4 p.m., winter 8:30 a.m.-4:30 p.m. Phone 432-3678.

Apple II computer, 2 disk drives, Nec monitor, paddles, professional software; programmable printer; Hayes modem. Evenings 466-0630.

Join us again for the annual U of A

PICNIC in the QUAD

Outside in the Quad by CAB Cafeteria

Tuesday, August 10, 1982

11:30 a.m. to 1:30 p.m.

CAB Cafeteria will be closed for this event unless weather conditions transfer the festivities back indoors.

\$3.00

Bar-B-Q Hamburger Platter

Salad Bar

Dessert

Beverage

**Cash Bar — Cold Beer
Entertainment**

Tickets at the Door
See you there.

Housing and Food Services
University of Alberta

FOLIO

Order for Personal Advertisements

Name: _____

Address: _____

Telephone: _____

Folio, The University of Alberta newspaper, is published every Thursday. All advertisements and requests to cancel advertisements must be received in the Office of Community Relations (423 Athabasca Hall) by 3 p.m. the Thursday prior to publication. All advertisements must be paid for in full at the time of their submission. No advertisements will be accepted via the telephone.

Rates

- The cost is 30 cents per word with no discount for extended runs.
- There is a minimum charge of \$1.50.
- Advertisers' corrections are assessed at \$1.50.

Length

- The maximum length of any advertisement is 30 words.
- Every word and abbreviation must be counted (although no charge is made for punctuation).
- Hyphenated words count as two words.
- A group of figures written together, or a telephone number, counts as one word.
- Initials and names must be counted but two or three initials together count as one word.

Some examples

| | |
|-------------------|-----------|
| one-bedroom | (2 words) |
| \$100 month | (2 words) |
| 4x7 feet | (2 words) |
| 17 July | (2 words) |
| 17 July 1979 | (3 words) |
| 17 July-18 August | (4 words) |
| \$29.95 | (1 word) |
| \$2,935 | (1 word) |
| (604) 432-4991 | (1 word) |
| \$.50 | (1 word) |
| 1½ | (1 word) |
| 8¾ percent | (2 words) |
| A.B. Jones | (2 words) |
| Allen B. Jones | (3 words) |
| 13411-102 Ave. | (2 words) |

Mail or deliver this form to:

Advertisements/Folio
The Office of Community Relations
423 Athabasca Hall
The University of Alberta
Edmonton, Alberta
T6G 2E8
Enquiries, 432-2325

Please check the appropriate section in which the notice is to appear. Write one word in each space. Calculate the cost of your advertisement below.

- ☐ Accommodations available
- ☐ Accommodations wanted
- ☐ Automobiles and others
- ☐ Goods for sale
- ☐ Services

| | | | | | |
|--|--|--|--|--|----|
| | | | | | 5 |
| | | | | | 10 |
| | | | | | 15 |
| | | | | | 20 |
| | | | | | 25 |
| | | | | | 30 |

Assessment

_____ X $\frac{30 \text{ cents}}{\text{words rate}}$ = _____

Total, which is enclosed = _____

Date(s) to be run

| | |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

For office use only

Receipt number _____
Cheque _____
Cash _____